

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022222\
 Data File : PD068129.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2022 09:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/23/2022
 Supervised By : Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 18:03:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 13:16:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.450	4.175	26162835	174.5E6	17.972	18.868
28)	SA Decachlor...	8.215	9.368	27156426	97501144	18.951	19.586
Target Compounds							
2)	A alpha-BHC	3.890	4.571	18172809	127.2E6	8.175	9.626
3)	MA gamma-BHC...	4.174	4.861	17077146	117.0E6	8.356	9.853
6)	B beta-BHC	4.423	5.023	8515456	56709289	9.995	10.960
12)	B 4,4'-DDE	5.616	6.551	830242	5447485	0.456m	0.603 #
14)	MA Endrin	6.006	6.930	77129567	336.0E6	47.009	46.882
16)	A 4,4'-DDD	6.135	7.041	3273673	20006935	2.136	2.854 #
17)	MA 4,4'-DDT	6.376	7.344	136.4E6	507.3E6	99.110	89.485
18)	B Endrin al...	6.450	7.258	1256753	5170910	1.138	0.998m
20)	A Methoxychlor	6.927	7.796	181.5E6	578.7E6	233.310	213.840
21)	B Endrin ke...	7.154	7.959	2479402	13085055	1.388m	1.820 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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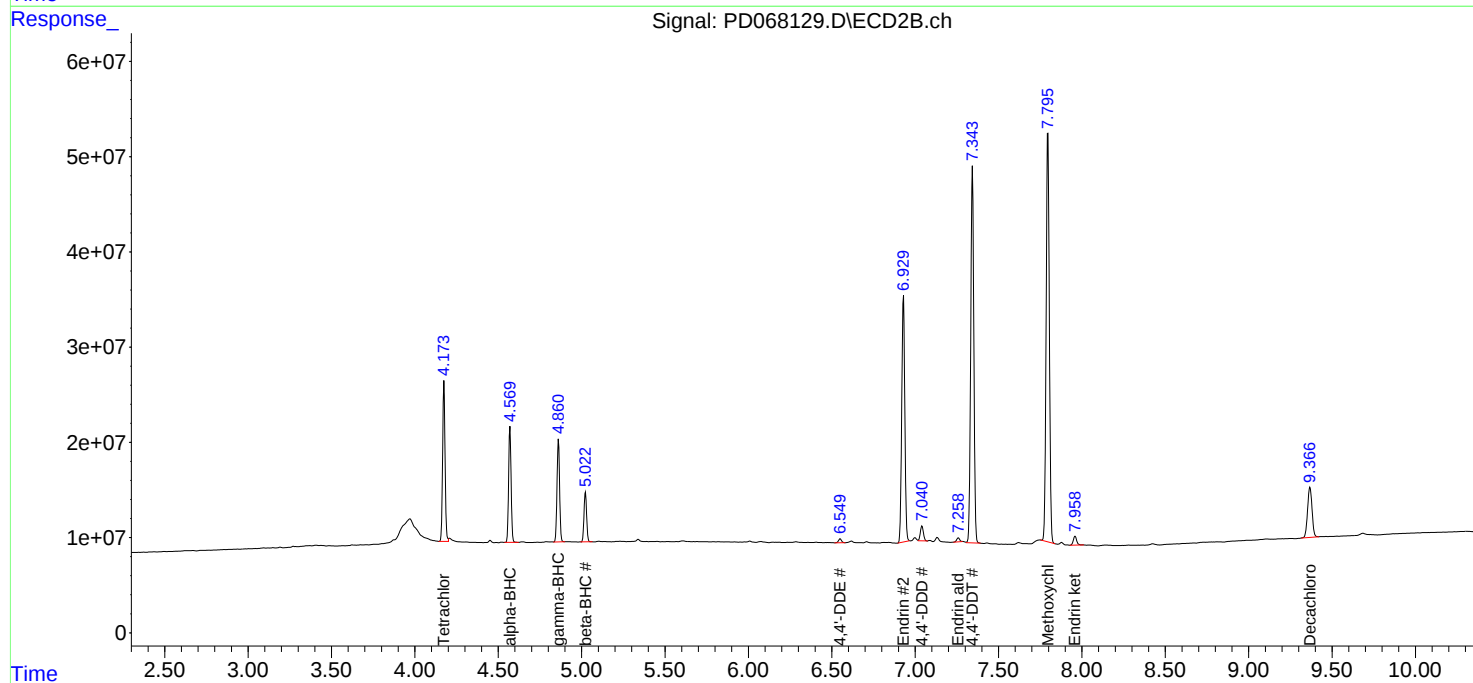
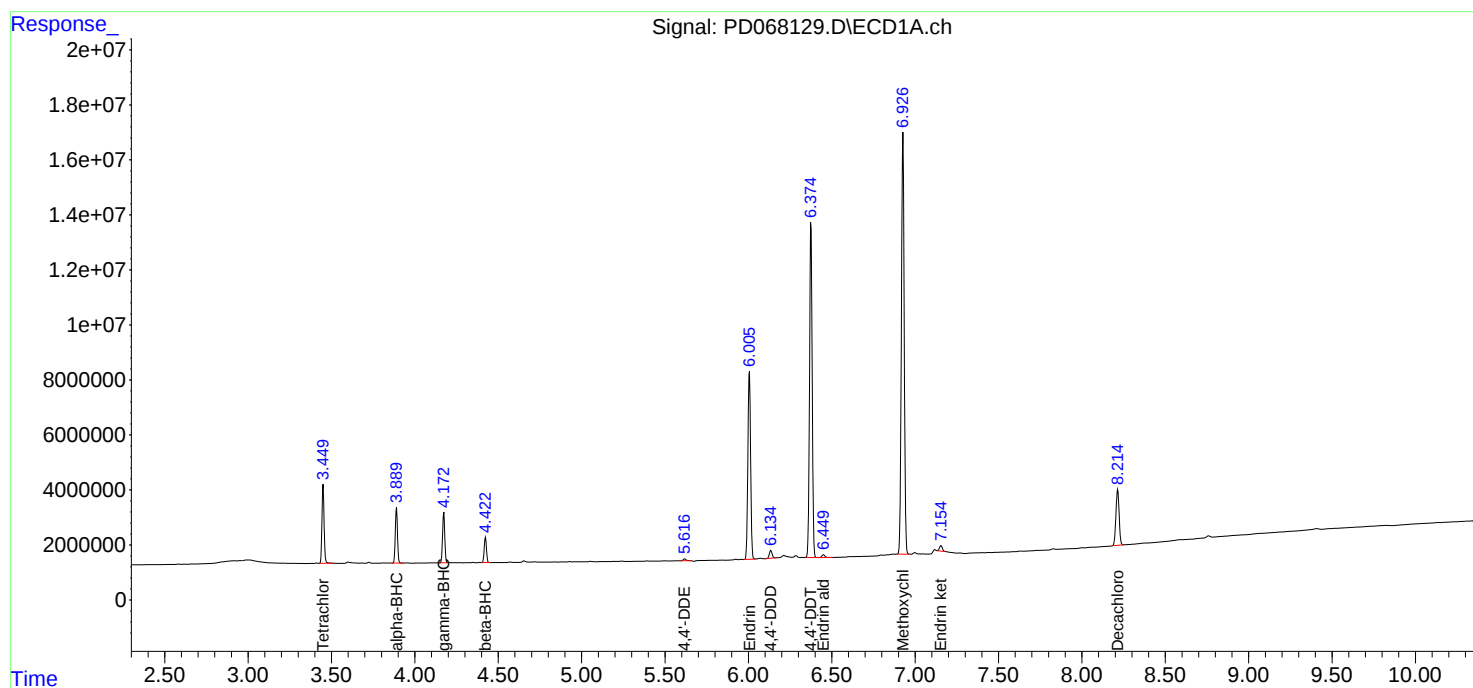
Instrument :
ECD_D
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PEM

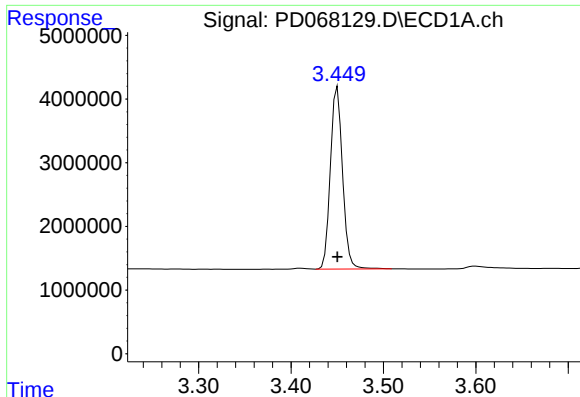
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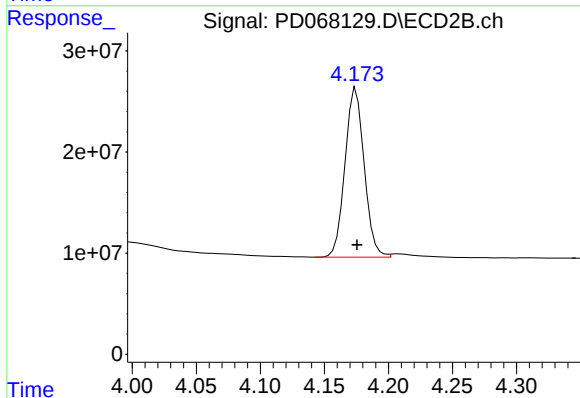
#1 Tetrachloro-m-xylene

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 26162835
Conc: 17.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

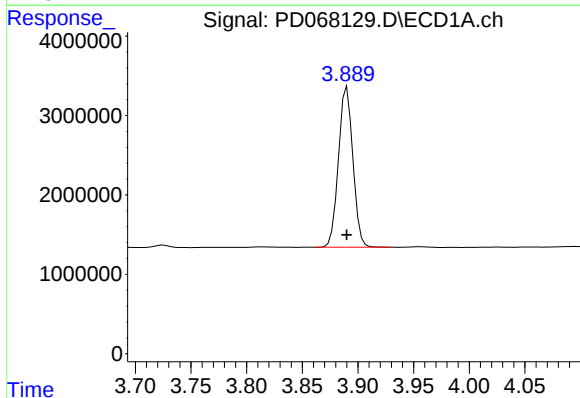
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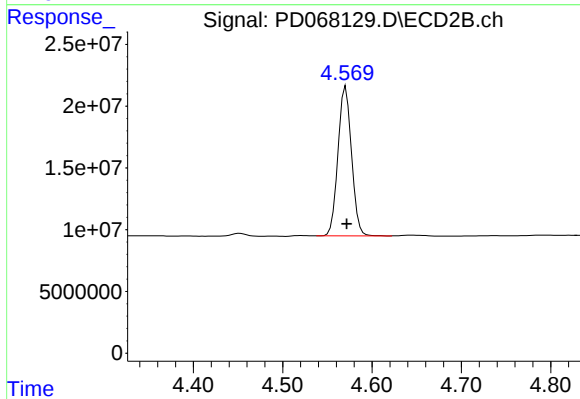
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 174485056
Conc: 18.87 ng/ml



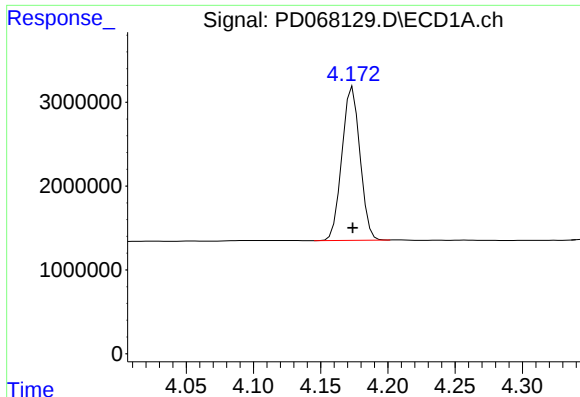
#2 alpha-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 18172809
Conc: 8.18 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 127240678
Conc: 9.63 ng/ml



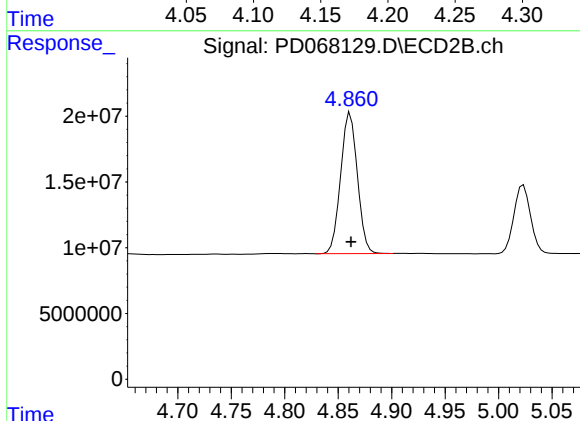
#3 gamma-BHC (Lindane)

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 17077146
Conc: 8.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

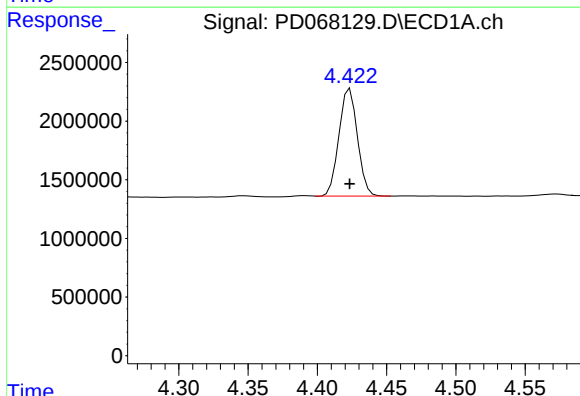
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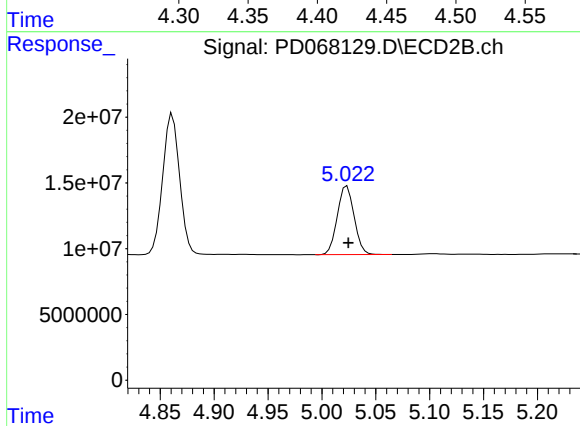
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 116994447
Conc: 9.85 ng/ml



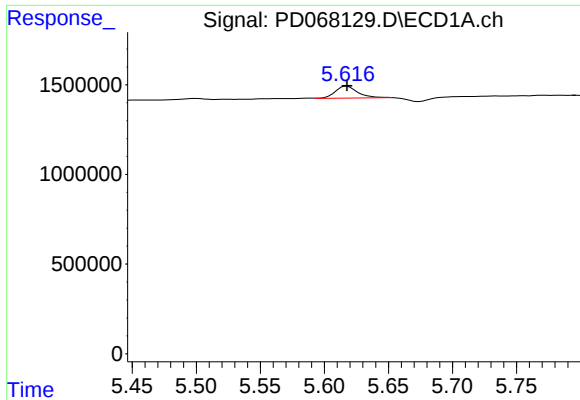
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 8515456
Conc: 9.99 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: -0.001 min
Response: 56709289
Conc: 10.96 ng/ml



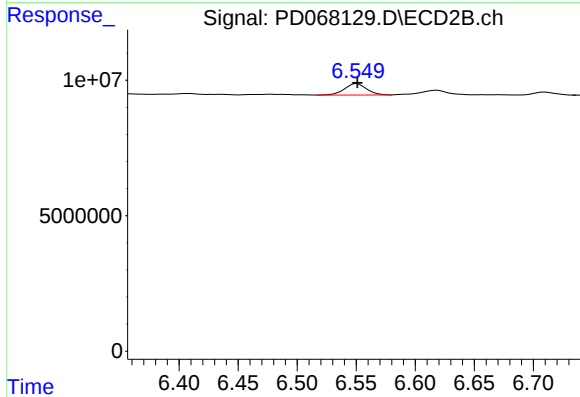
#12 4,4'-DDE

R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 830242
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

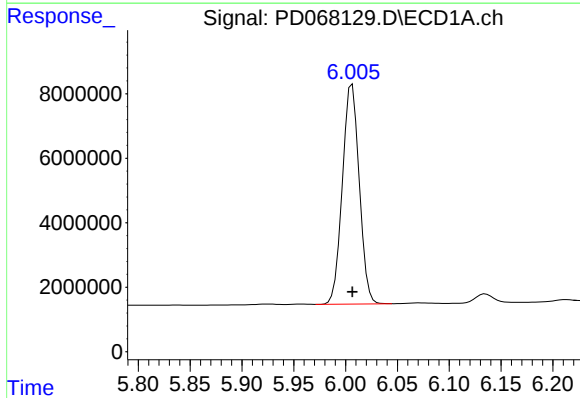
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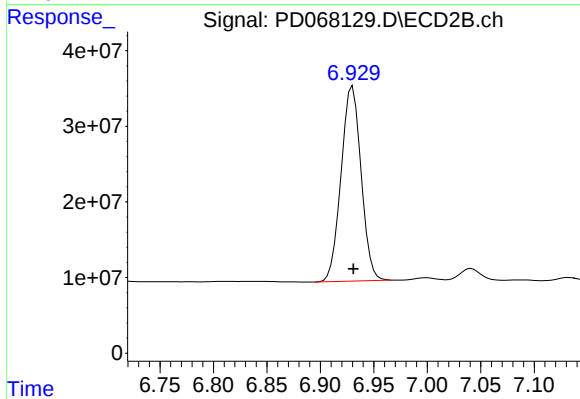
#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 5447485
Conc: 0.60 ng/ml



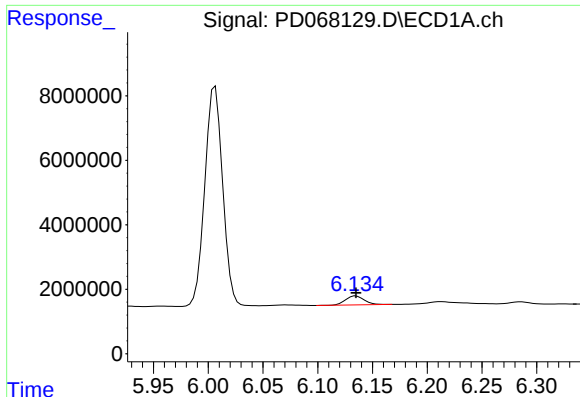
#14 Endrin

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 77129567
Conc: 47.01 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 336009060
Conc: 46.88 ng/ml



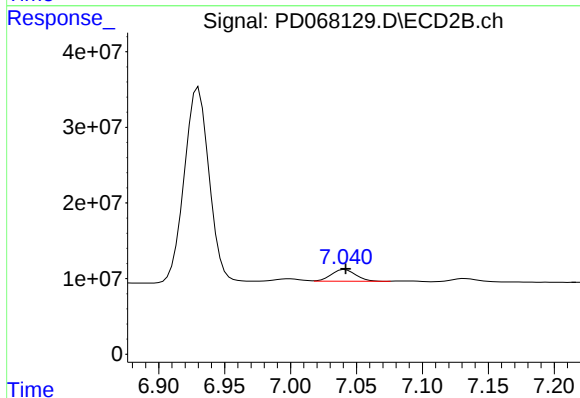
#16 4,4'-DDD

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 3273673
Conc: 2.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

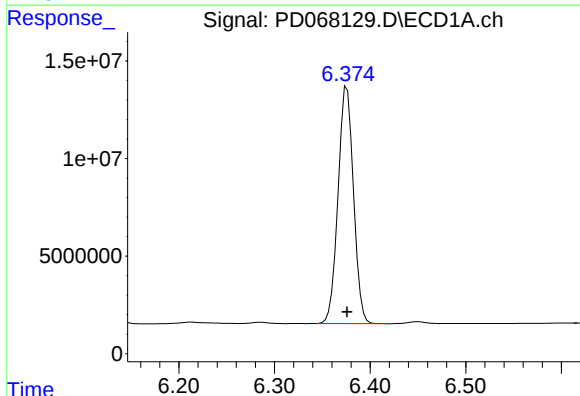
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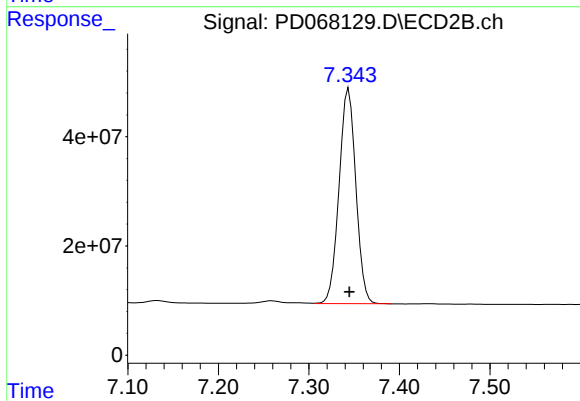
#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 20006935
Conc: 2.85 ng/ml



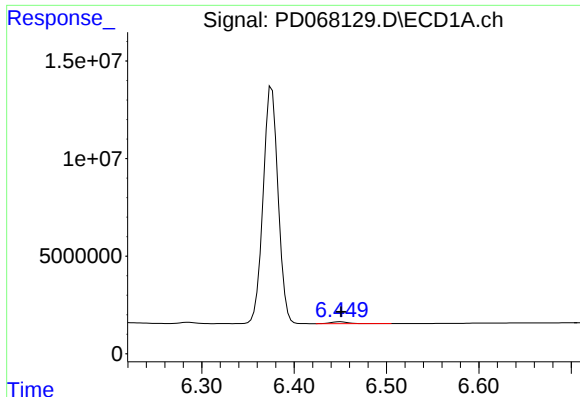
#17 4,4'-DDT

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 136351695
Conc: 99.11 ng/ml



#17 4,4'-DDT

R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 507345789
Conc: 89.48 ng/ml



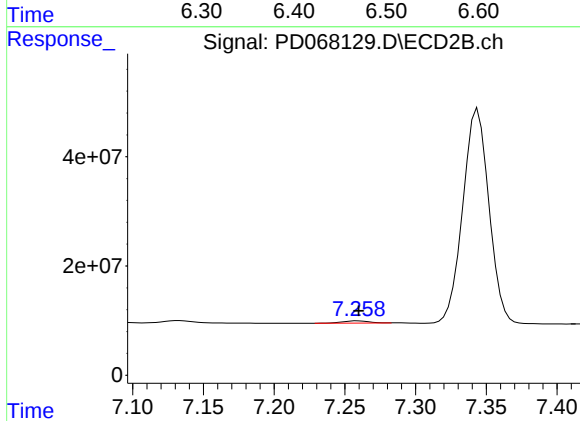
#18 Endrin aldehyde

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 1256753
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

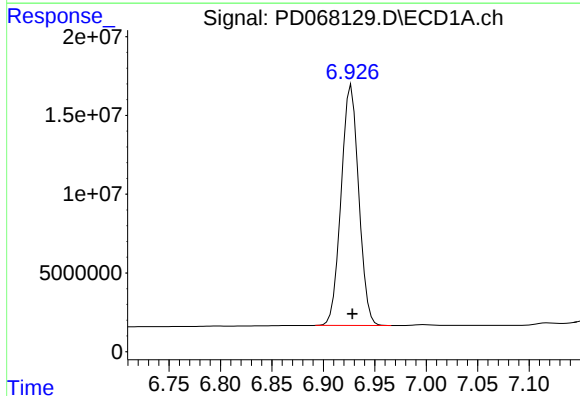
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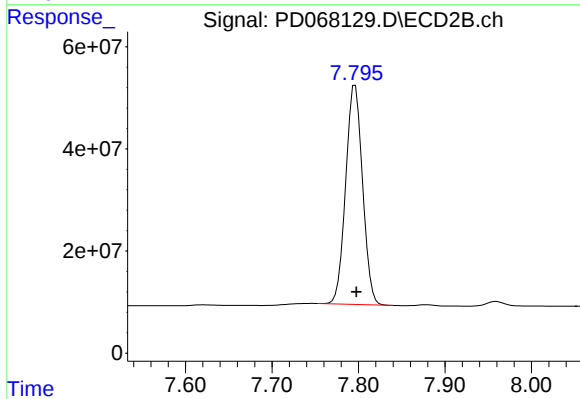
#18 Endrin aldehyde

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 5170910
Conc: 1.00 ng/ml m



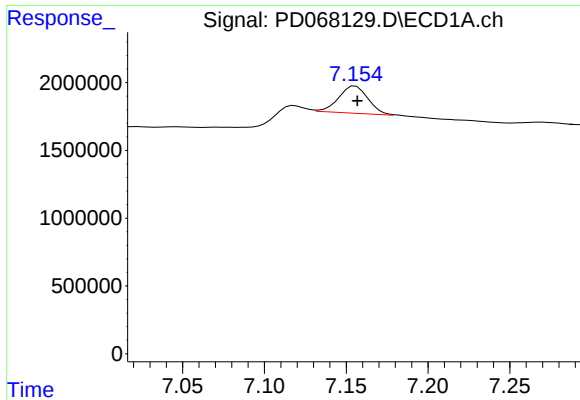
#20 Methoxychlor

R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 181527612
Conc: 233.31 ng/ml



#20 Methoxychlor

R.T.: 7.796 min
Delta R.T.: -0.002 min
Response: 578738723
Conc: 213.84 ng/ml



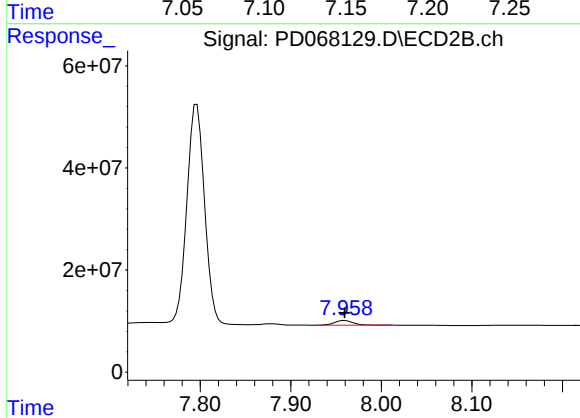
#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: -0.003 min
Response: 2479402
Conc: 1.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

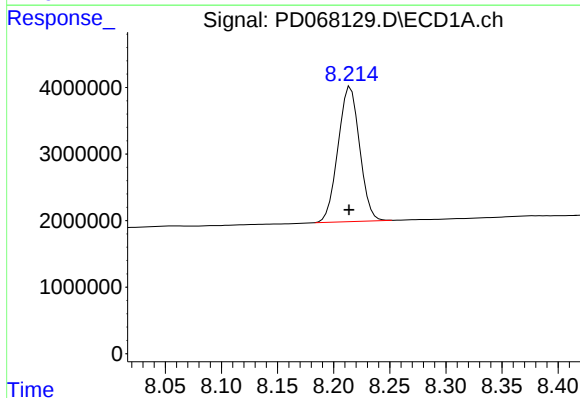
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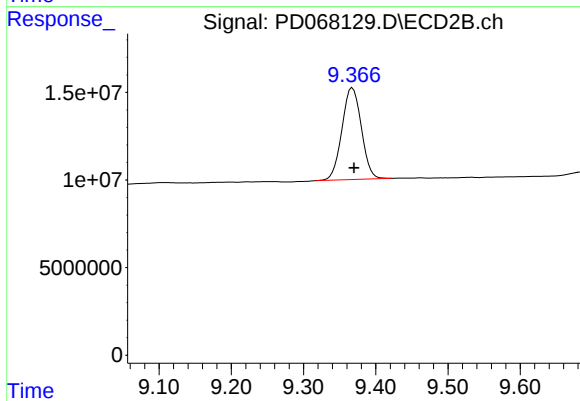
#21 Endrin ketone

R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 13085055
Conc: 1.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.215 min
Delta R.T.: 0.001 min
Response: 27156426
Conc: 18.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.368 min
Delta R.T.: -0.002 min
Response: 97501144
Conc: 19.59 ng/ml